

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dang Thuan Examiner #: 73804 Date: 10/15/02
Art Unit: 1764 Phone Number 305-2654 Serial Number: 101053690
Mail Box and Bldg/Room Location: 101103 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

6, 018 086

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No Litigation Reported

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Melerson</u>	NA Sequence (#) _____	STN _____
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Searcher Location: _____	Structure (#) _____	Questel/Orbit <u>25.37</u>
Date Searcher Picked Up: <u>10/16/02</u>	Bibliographic _____	Dr. Link _____
Date Completed: <u>10/16/02</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis <u>40.00</u>
Searcher Prep & Review Time: <u>2</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>6</u>	Other _____	Other (specify) _____

L Number	Hits	Search Text	DB	Time stamp
7	54902	naphthalene	USPAT; US-PGPUB	2002/10/16 08:35
10	332	"2"\$1"6"\$1di\$ethyl\$1naphthalene\$1	USPAT; US-PGPUB	2002/10/16 10:55
11	98	"2"\$1"6"\$1di\$propyl\$1naphthalene\$1	USPAT; US-PGPUB	2002/10/16 08:36
12	96	"2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1	USPAT; US-PGPUB	2002/10/16 08:36
13	5	"2"\$1"6"\$1DAN	USPAT; US-PGPUB	2002/10/16 08:36
14	89	"2"\$1"6"\$1DMN	USPAT; US-PGPUB	2002/10/16 08:36
15	7	"2"\$1"6"\$1di\$butyl\$1naphthalene\$1	USPAT; US-PGPUB	2002/10/16 08:36
8	61	"2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1	USPAT; US-PGPUB	2002/10/16 08:36
16	313	"2"\$1"6"\$1di\$1methyl\$1naphthalene\$1	USPAT; US-PGPUB	2002/10/16 08:35
18	3452	de\$1alkylat\$3	USPAT; US-PGPUB	2002/10/16 08:36
19	87240	alkylat\$3 or methylat\$3	USPAT; US-PGPUB	2002/10/16 08:37
20	399	("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) methylat\$3) and (("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1))	USPAT; US-PGPUB	2002/10/16 08:09
21	16	de\$1alkylat\$3 or methylat\$3) and (("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1))	USPAT; US-PGPUB	2002/10/16 08:10
22	28134	de\$1alkylat\$3 or methylat\$3) and (("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1))	USOCR	2002/10/16 11:12
23	129	"2"\$1"6"\$1di\$1methyl\$1naphthalene\$1	USOCR	2002/10/16 09:29
24	2	"2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1	USOCR	2002/10/16 09:29
25	134	"2"\$1"6"\$1di\$ethyl\$1naphthalene\$1	USOCR	2002/10/16 09:29
26	6	"2"\$1"6"\$1di\$propyl\$1naphthalene\$1	USOCR	2002/10/16 09:29
27	5	"2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1	USOCR	2002/10/16 09:29
28	4	"2"\$1"6"\$1di\$butyl\$1naphthalene\$1	USOCR	2002/10/16 09:29
29	1	"2"\$1"6"\$1DAN	USOCR	2002/10/16 09:30
30	32	"2"\$1"6"\$1DMN	USOCR	2002/10/16 09:30
31	1296	de\$1alkylat\$3	USOCR	2002/10/16 09:30
32	31789	alkylat\$3 or methylat\$3	USOCR	2002/10/16 09:30
33	148	("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN)	USOCR	2002/10/16 09:28

34	6	de\$1alkylat\$3 and (alkylat\$3 or methylat\$3) and (("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) naphthalene\$1) or ("2"\$1"6"\$1DMN))	USOCR	2002/10/16 09:28
35	26864		EPO; JPO; DERWENT	2002/10/16 11:16
36	376	"2"\$1"6"\$1di\$1methyl\$1naphthalene\$1	EPO; JPO; DERWENT	2002/10/16 10:01
37	103	"2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1	EPO; JPO; DERWENT	2002/10/16 09:32
38	424	"2"\$1"6"\$1di\$ethyl\$1naphthalene\$1	EPO; JPO; DERWENT	2002/10/16 09:33
39	164	"2"\$1"6"\$1di\$propyl\$1naphthalene\$1	EPO; JPO; DERWENT	2002/10/16 09:34
40	163	"2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1	EPO; JPO; DERWENT	2002/10/16 09:35
41	4	"2"\$1"6"\$1di\$butyl\$1naphthalene\$1	EPO; JPO; DERWENT	2002/10/16 09:35
42	2	"2"\$1"6"\$1DAN	EPO; JPO; DERWENT	2002/10/16 09:35
43	79	"2"\$1"6"\$1DMN	EPO; JPO; DERWENT	2002/10/16 09:35
44	1184	de\$1alkylat\$3	EPO; JPO; DERWENT	2002/10/16 09:36
45	26638	alkylat\$3 or methylat\$3	EPO; JPO; DERWENT	2002/10/16 09:36
46	674	("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) de\$1alkylat\$3 and methylat\$3) and (("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1))	EPO; JPO; DERWENT	2002/10/16 10:01
47	2		EPO; JPO; DERWENT	2002/10/16 10:02
48	1739	crack\$3	USPAT; US-PGPUB	2002/10/16 11:11
49	151818		USPAT; US-PGPUB	2002/10/16 11:11
50	23	naphthalene and (("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1)) and trans\$1alkylat\$3 and crack\$3	USPAT; US-PGPUB	2002/10/16 10:56

51	12	(naphthalene and (("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1)) and trans\$1alkylat\$3 and crack\$3) not (de\$1alkylat\$3 and (alkylat\$3 or methylat\$3) and (("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$alkyl\$1naphthalene\$1) trans\$1alkylat\$3 ("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1))) crack\$3	USPAT; US-PGPUB	2002/10/16 10:56
52	235		USOCR	2002/10/16 11:15
53	88296		USOCR	2002/10/16 11:16
54	3	naphthalene and (("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN)) and (alkylat\$3 or methylat\$3) and trans\$1alkylat\$3 and crack\$3) not (de\$1alkylat\$3 and (alkylat\$3 or methylat\$3) and (("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN)) and (alkylat\$3 or methylat\$3) and trans\$1alkylat\$3 and crack\$3) not (de\$1alkylat\$3 and (alkylat\$3 or methylat\$3) and (("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) trans\$1alkylat\$3 and crack\$3 ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN))) crack\$3	USOCR	2002/10/16 11:13
55	2	naphthalene and and crack\$3 (("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN)) and (alkylat\$3 or methylat\$3) and trans\$1alkylat\$3 and crack\$3) not (de\$1alkylat\$3 and (alkylat\$3 or methylat\$3) and (("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) trans\$1alkylat\$3 and crack\$3 ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1) or ("2"\$1"6"\$1DAN) or ("2"\$1"6"\$1DMN))) crack\$3	USOCR	2002/10/16 11:14
56	924		EPO; JPO; DERWENT	2002/10/16 11:15
57	165346		EPO; JPO; DERWENT	2002/10/16 11:16
58	1	naphthalene and (("2"\$1"6"\$1di\$1methyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$alkyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$ethyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$iso\$1propyl\$1naphthalene\$1) or ("2"\$1"6"\$1di\$butyl\$1naphthalene\$1)) and (alkylat\$3 or methylat\$3) and trans\$1alkylat\$3 and crack\$3	EPO; JPO; DERWENT	2002/10/16 11:17